



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

March 4, 2011

Mr. Thomas P. Joyce
President and Chief Nuclear Officer
PSEG Nuclear LLC - N09
P.O. Box 236
Hancocks Bridge, NJ 08038

SUBJECT: ANNUAL ASSESSMENT LETTER FOR HOPE CREEK GENERATING
STATION (05000354/2010001)

Dear Mr. Joyce:

On February 10, 2011, the Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Hope Creek Generating Station (Hope Creek). The NRC reviewed the most recent quarterly performance indicators (PIs), in addition to inspection results and enforcement actions from January 1, 2010, through December 31, 2010. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

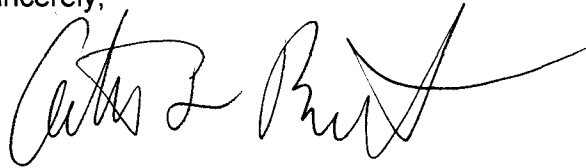
The NRC determined that overall, Hope Creek operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined that performance at Hope Creek during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2012. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 610-337-5069 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Arthur L. Burritt", with a long horizontal flourish extending to the right.

Arthur L. Burritt, Chief
Projects Branch 3
Division of Reactor Projects

Docket Nos. 50-354
License Nos. NPF-57

cc w/encl: Distribution via ListServ
Hope Creek Generating Station Inspection / Activity Plan

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Please contact me at 610-337-5069 with any questions you have regarding this letter.

Sincerely,

/RA/

Arthur L. Burritt, Chief
Projects Branch 3
Division of Reactor Projects

Docket Nos. 50-354
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Hope Creek Generating Station Inspection / Activity Plan

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NAME	LCline/ LC	ABurritt/ ALB			
DATE	02/ 28/11	03/01 /11			

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Hope Creek
Inspection / Activity Plan
01/01/2011 - 06/30/2012

Unit Number	Planned Dates Start End		Inspection Activity	Title	No. of Staff on Site
			71152 - PI&R		4
1	01/10/2011	01/14/2011	IP 71152B	Identification and Resolution of Problems	
1	01/24/2011	01/28/2011	IP 71152B	Identification and Resolution of Problems	
			71124 - HP		1
1	02/28/2011	03/04/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	02/28/2011	03/04/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	02/28/2011	03/04/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
			EP PROGR - EP PROGRAM INSPECTION		1
1	03/14/2011	03/18/2011	IP 7111402	Alert and Notification System Testing	
1	03/14/2011	03/18/2011	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	03/14/2011	03/18/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	03/14/2011	03/18/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	03/14/2011	03/18/2011	IP 71151-EP01	Drill/Exercise Performance	
1	03/14/2011	03/18/2011	IP 71151-EP02	ERO Drill Participation	
1	03/14/2011	03/18/2011	IP 71151-EP03	Alert & Notification System	
			7111117 - PERMANENT PLANT MODIFICATIONS		3
1	04/04/2011	04/08/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1	04/18/2011	04/22/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			7111107T - TRIENNIAL HEAT SINK		1
1	05/02/2011	05/06/2011	IP 7111107T	Heat Sink Performance	
			71124 - HP		1
1	05/16/2011	05/20/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/16/2011	05/20/2011	IP 71124.04	Occupational Dose Assessment	
1	05/16/2011	05/20/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			71124 - REMP		1
1	07/25/2011	07/29/2011	IP 71124.07	Radiological Environmental Monitoring Program	
			71124 - HP		1
1	09/19/2011	09/23/2011	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1	09/19/2011	09/23/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/19/2011	09/23/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/19/2011	09/23/2011	IP 71124.04	Occupational Dose Assessment	
			2/27EXAM - HOPE CREEK INITIAL EXAM		4
1	02/06/2012	02/10/2012	U01845	FY12-HOPE CREEK INITIAL OPERATOR LICENSING EXAM	
1	03/05/2012	03/09/2012	U01845	FY12-HOPE CREEK INITIAL OPERATOR LICENSING EXAM	

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Hope Creek

Inspection / Activity Plan

01/01/2011 - 06/30/2012

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End				
			71124 - RADWASTE		1
1	12/12/2011	12/16/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			71124.06 - PUB RAD SAFETY - RETS		1
1	01/09/2012	01/13/2012	IP 71124.05	Radiation Monitoring Instrumentation	
1	01/09/2012	01/13/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			7111108G - INSERVICE INSPECTION		1
1	04/23/2012	04/27/2012	IP 7111108G	Inservice Inspection Activities - BWR	
			71124 - OCC RAD SAFETY		1
1	04/23/2012	04/27/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/23/2012	04/27/2012	IP 71124.02	Occupational ALARA Planning and Controls	
			EP EXER - EP EXERCISE EVALUATION		5
1	05/21/2012	05/25/2012	IP 7111401	Exercise Evaluation	
1	05/21/2012	05/25/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	

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